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POPULAR LECTURES ON PHASES OF THE
NEW ASTRONOMY

As announced in the August number of these PUBLICATIONS (p. 255), the sum of \$1000 has been given to the Astronomical Society of the Pacific by one of its Life Members, who wishes his name to be withheld, to provide for a series of six lectures to be delivered in San Francisco during the season 1920-21 under the auspices of the Society. It is stipulated that the lectures shall be free to the public and that they shall be presented in simple language.

The Committee appointed for the purpose has arranged for the following course. Each lecture will be independent of the others, but at the same time the subjects have been so selected that the series will give a fair presentation of the more important phases of what is sometimes called the New Astronomy. The spectroscope and the modern dry-plate, in conjunction with our powerful refracting and reflecting telescopes, permit the astronomer to analyze the light-waves which come to him from the Sun and from the stars and thus to gain knowledge of the chemical composition and the physical state of those bodies and to form some conception of the processes of their birth and evolution. It is the results of these studies, presented in non-technical language by men who are known as experts in their particular fields, and illustrated by experiments and by lantern slides, that these lectures aim to present to members of the Society and the people of San Francisco.

It is expected that the lectures, or abstracts from them, will be printed in the PUBLICATIONS of the Society.

1920

- October 29—Professor E. P. Lewis, Professor of Physics, University of California. Subject: "The Spectroscope, Key to Atomic and Celestial Mysteries."
November 26—Dr. J. H. Moore, of the Lick Observatory. Subject: "Cipher Messages from the Stars."
December 28—Dr. G. E. Hale, Director of the Mount Wilson Observatory. Subject: "Sun-Spots as Magnets."

1921

- January 28—Dr. E. C. Slipher, of the Lowell Observatory. Subject: "Photography of the Planets," (with special reference to Mars).
February 25—Dr. Harlow Shapley, of the Mount Wilson Observatory. Subject: "New Stars and Variable Stars."
March 25—Dr. W. W. Campbell, Director of the Lick Observatory. Subject: "The Life History of a Star."

LECTURE COMMITTEE.